Manualslib.com - The Global Manuals Library

SHARP 21J-FG1RU OPERATION MANUAL

Table of Contents

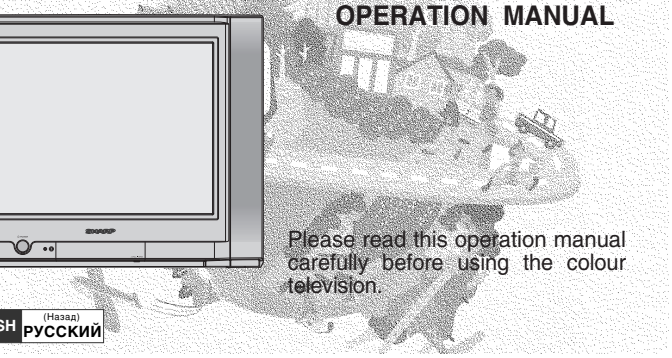
operation manual
part names
connecting to a dvd player
watching dvd playback
basic operation
remote control
channel selection
installing batteries in the remote control unit
adjusting volume
auto channel tuning
channel setting
manual channel tuning
off timer
picture adjustment
sound adjustment
useful features
channel recall
blue screen
surround sound
check list
connecting to video equipment
Other ManualsLib Projects

SHARP®

COLOUR TELEVISION

21J-FG1RU

OPERATION MANUAL



Please read this operation manual carefully before using the colour television.

SH (Назад) РУССКИЙ

tents

AFETY ECAUTIONS]

EFORE ERATING LEVISION]
onnecting to an ntenna
onnecting to an ntenna via a VCR

VD PLAYBACK]
onnecting to a DVD ayer
atching DVD playback

CCESSORIES]

ART NAMES]
V set
sing headphone emote control
stalling batteries in the mote control unit

E6 [BASIC OPERATION]
- Turn on the power
- On-screen display language selection
- Channel selection
- Adjusting volume

E7 [PRESETTING CHANNELS]
- Auto channel tuning
- Manual channel tuning

E8 [SETTING AND ADJUSTMENT]
- Channel setting
- Picture adjustment
- Sound adjustment

E9 [TIMER SETTING]
- Off timer
- On timer
- Reminder on-screen timer

E10 [FEATURES]
- Blue screen

E11 [USEFUL FEATURES]
- Channel/Timer display
- Mute
- Channel recall
- TV/Video selection
- Surround sound

E12 [CONNECTIONS]
- Connecting to video equipment

E13 [TROUBLESHOOTING]

E14 [SPECIFICATIONS]

TINS-B982WJZZ⚠1
05P09-MSM

E1 SAFETY PRECAUTIONS

Damage

Turn off the power and unplug the power cord from the wall outlet immediately if the TV set begins to make any unusual noises or gives off smoke or an unusual smell. Then call your dealer for service.

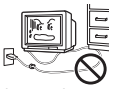
Servicing

To reduce the risk of electric shock, do not remove the back of the cabinet. This TV set contains dangerous voltage.

Unstable surface and shocks

Do not place this TV set on an unstable cart, stand, shelf, or table. The TV set may fall, causing serious injury to a child or adult, and serious damage to the set. Sharp recommends securing the TV set to a stable surface or wall to prevent the set from falling due to sudden shocks or impact.

Power-cord protection



To prevent electrical shock, do not subject the AC power cord to damage by bending or twisting it, or by placing heavy items on top of it and do not place the AC power cord under the TV set. If the AC power cord becomes damaged, unplug it from the wall outlet immediately and call your dealer for service.

Moisture

To prevent electrical shock, do not use the TV set in an excessively damp place.

Water

To prevent fire or electrical shock, do not place the TV set near a bathroom, swimming pool or other area where it may become wet.

Liquid entry

Do not place a flower vase or anything else containing liquid on the TV set, as liquid spilt on the TV set can cause electrical shock or failure.

Object entry

Never insert or drop any metallic or inflammable objects into the ventilation openings of the TV set, as this can cause fire, electrical shock, or electrical failure.

TV Set position

Do place the TV set onto an even stand, table or rack which size is bigger than the TV set.
If the TV set is put onto a smaller size or uneven stand, table or rack may cause the TV cabinet to distort.
Do not put or insert anything between TV set and the stand, table or rack.

Uneven surface and excessive force

Television equipment and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn.

Ventilation

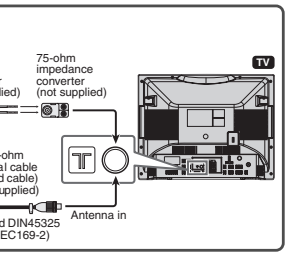
Do not place this TV set in a confined area, such as on a bookshelf or in a built-in case. Leave adequate space behind the TV for proper ventilation.

Fire prevention

To prevent fire, never place any type of candle or naked flames on the top or near the TV set.

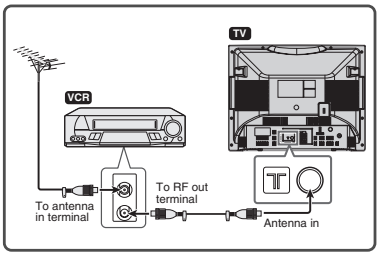
BEFORE OPERATING TELEVISION

ting to an antenna



or antenna uses a 75-ohm coaxial
standard DIN45325 plug (IEC 169-2),
e antenna jack at the rear of the set.

Connecting to an antenna via a VCR

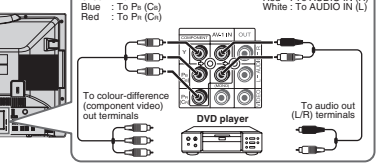


If your outdoor antenna uses a 300-ohm twin-lead flat feeder, connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set.

DVD PLAYBACK

cting to a DVD player

nput terminals (COMPONENT-IN) on the rear of the TV can be used to input high-ages from a DVD player.



Connecting the video terminals

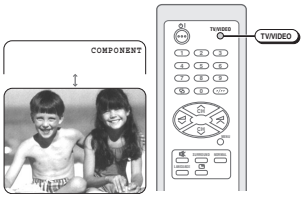
DVD input terminals		DVD player
COMPONENT-IN VIDEO	Y	Y or Y/Y
	PB(CB)	PB(CB) or B-Y/Pb
	PR(CR)	PR(CR) or R-Y/Pr

ng DVD Playback

TV/VIDEO) to select "COMPONENT", DVD creen.

the DVD player and begin playback.

connecting the TV to a DVD player via the ONENT-IN terminals, the video and audio from the ayer cannot be output through the Audio/Video minals on the TV.

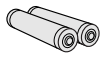


he RF terminal connection, set the TV to channel zero to make initial adjustments for the VCR.

E4 ACCESSORIES

The following accessories are included with this television.

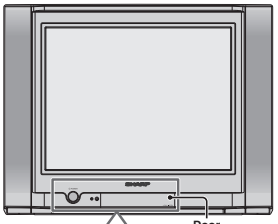
Remote Control


Size-AA batteries

Operation manual

E5 PART NAMES

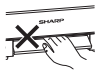
TV set



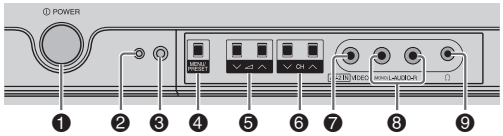
To open the door
Using the projection located under the "PULL-OPEN" indication, pull and lift the door open.

To close the door
Using the projection, lower the door until closed.

Caution:
- When opening or closing the door, do not insert your fingers into the gap between the door and front panel. This may result in an injury.



Bottom



❶ (POWER) **POWER switch**
Turns on and off the main power.

❷ **Power indicator**
Power can be turned on by the remote control when the indicator is dimly lit.

❸ **Infrared sensor window**
Receives the infrared wave from the remote control.

❹ (MENU/PRESET) **MENU/PRESET button**
Tunes the channels.
Used for MENU setup.

❺ (▲) / (▼) **Volume up/down buttons**
Adjusts the volume.
Makes adjustments in PRESET.

❻ (CH ∧) / (CH ∨) **Channel up/down buttons**
Selects the channels.
Tunes or sets the channels.

❼ **Video input terminal (AV-2)**
Connects to a camcorder, video game, etc.

❽ **Audio input terminals (AV-2)**
Connects to a camcorder, video game, etc.

❾ **Headphone jack**
Use to listen to the audio with headphone.

Using headphone

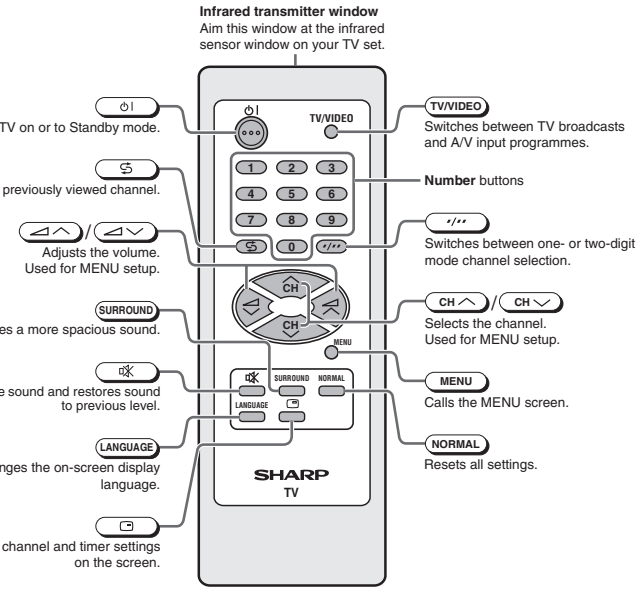
Insert headphone plug into headphone jack to listen to audio with headphone.
- The audio from the speakers is turned off.

[Behind the door]

NOTE
- To avoid injuring your hearing, do not put on the headphone before plugging them into the headphone jack and before the power is turned on.

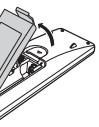
PART NAMES (Continued)

e control

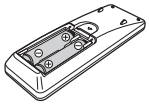


ng batteries in the remote control unit

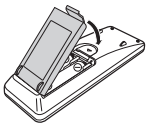
your thumbnail, pull the slit to open the ry cover.



b Insert two batteries (size AA).



c Replace the battery cover.

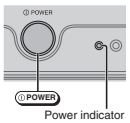


E6 BASIC OPERATION

Turn on the power

- When the power indicator is off, press (POWER).
- When the power indicator lights up dimly, press (⏻) on the remote control. The power indicator changes to bright and a picture appears.

[TV Set (Bottom)]



On-screen display language selection

Remote Control

- Press (LANGUAGE) to select desired language.
- Pressing (LANGUAGE) changes the language as shown below.

ENGLISH ⟷ РУССКИЙ

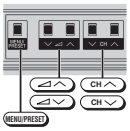
TV set

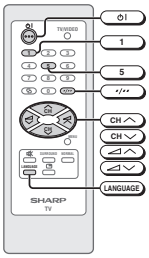
- Press (MENU/PRESET) for more than two seconds, the language select mode appear.
- Press (CH ^) / (CH v) to select desired language.
- Pressing (MENU/PRESET) changes the screen as shown below.

Language ⟶ AUTO ⟶ MANUAL ⟶ Normal screen

- Press (MENU/PRESET) until normal screen appears.

[Behind the door]





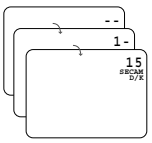
Channel selection

❶ Using (CH ^) / (CH v)

- Press (CH ^) and channels change as shown below.
  1 → 2 → ... → 98 → 99 → AV1 (or COMPONENT) → AV2 → 0 → 1 → 2 ...
- Press (CH v) and channels change as shown below.
  1 → 0 → AV2 → AV1 (or COMPONENT) → 99 → 98 → ... → 2 → 1 → 0 ...

❷ With the number buttons (on remote control)

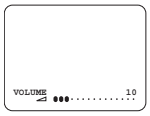
- To select a one-digit channel, such as 5, press (5). If "5-" is indicated, press (-/--) to select one-digit input, and then press (5) again.
- To select a two-digit channel, such as 15, press (-/--) to select the two-digit input. Press (1), and then press (5).



Adjusting volume

❶ Adjust volume using (◁ ^) / (◁ v).

- The volume bar disappears approximately three seconds after the volume has been adjusted.



NOTE

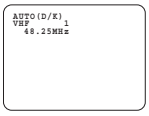
- Channels that have been skipped cannot be selected by (CH ^) / (CH v).
- The AV1 (or COMPONENT), AV2 input channels cannot be selected using (CH ^) / (CH v) on the remote control. Use (TV/VIDEO) to select these channel.

PRESETTING CHANNELS

hannel tuning

ally tunes in and presets receivable TV stations.

ENU/PRESET) for more than two seconds.



ENU/PRESET) again to display AUTO mode screen.

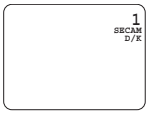
ng (MENU/PRESET) changes the screen as shown below.

ge ⟶ AUTO ⟶ MANUAL ⟶ Normal screen

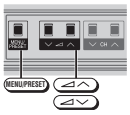
/ on TV set.

TV stations in your area that can be received by set are automatically preset between channels 1

reen shows whatever is on channel 1 when auto l preset is finished.



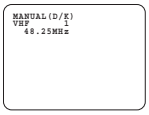
[Behind the door]



channel tuning

anual channel tuning to a desired TV station.

ENU/PRESET) for more than two seconds.

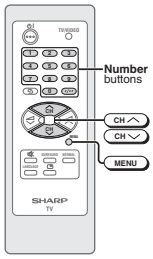


ENU/PRESET) twice to display MANUAL mode .

ng (MENU/PRESET) changes the screen as shown below.

ge ⟶ AUTO ⟶ MANUAL ⟶ Normal screen

CH) / CH) or number buttons to channel position.



/ on TV set to locate channel you wish to preset to current l position.

is initiated and when a TV signal is received during the search, the search stops.

steps 3 and 4 above, to preset channel positions for other broadcasts.

ENU/PRESET) again to display normal screen.

TEM may not have been set correctly, if noise can be heard or if there is no sound. In such case, adjust SYSTEM using the (MENU) on the remote control.
ET stores all receivable channels including those which may be very weak and not clearly visible. To hose channels designated for the local viewing region, use MANUAL PRESET.

SETTING AND ADJUSTMENT

Channel setting

Enables individual channel setting.

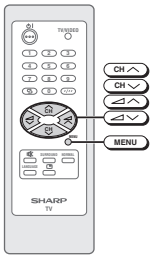
❶ Press (MENU) to call MENU screen.

❷ Press (CH) / (CH) to select "CH-SETTING".

❸ Press ( ) / ( ) to display CH-SETTING menu.

❹ Press (CH) / (CH) to select desired setting.

❺ Each time you press ( ) / ( ), setting for individual items changes as follows:



- **POSITION**
  The channel position changes to the higher or lower number.
- **COLOUR**
  ┌ AUTO ⟷ PAL ⟷ SECAM ⟷ N443 ┐
- **SOUND**
  ┌ B/G ⟷ I ⟷ D/K ┐
- **SKIP**
  ON ⟷ OFF
  Channel numbers with a "✤" mark on the left are set to SKIP. To turn off SKIP, press the number buttons to select the desired channel and then set "SKIP" to "OFF".
- **FINE**
  The frequency changes to allow fine tuning.

❻ Press (MENU) until normal screen appears.

- When you select AV1, AV2 for the channel position, the CH-SETTING menu changes as shown on the right and the colour mode changes in the following order:
  ┌ AUTO ⟷ PAL ⟷ SECAM ⟷ N443 ⟷ N358 ┐

NOTE

- Switching COLOUR system:
  Set the system to "AUTO" for normal TV reception. The AUTO mode automatically detects the receiving signal system and changes the reception system of the TV set. When the picture is not stable, switching to an appropriate system may improve the picture quality.
- When using FINE, the channel number changes from green to yellow.

SETTING AND ADJUSTMENT (Continued)

adjustment

MENU to call MENU screen.
CH / CH to select "PICTURE".
/ to display PICTURE menu.
CH / CH to select adjustment items.
using / .
r approximately three seconds to return to PICTURE menu.
steps 4 and 5 above to adjust other items.
MENU until normal screen appears.

able lists the adjustment items shown in the PICTURE menu and how they press / .

Press		Press
To decrease contrast		To increase contrast
For less colour intensity		For more colour intensity
For less brightness		For more brightness
To move tint toward red		To move tint toward green
For less sharpness		For more sharpness
To more reddish background		To more bluish background

y be selected and adjusted when receiving NTSC broadcasts. (AV only)
P can only be adjusted on PICTURE menu.

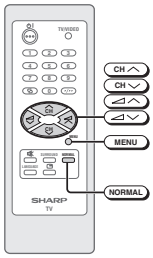
adjustment

MENU to call MENU screen.
CH / CH to select "SOUND".
/ to display SOUND menu.
CH / CH to select adjustment items.
using / .
r approximately three seconds to return to SOUND menu.
steps 4 and 5 above to adjust other items.
MENU until normal screen appears.

able lists the adjustment items shown in the SOUND menu and how they press / .

Press		Press
ON ⟵ ON ⟵ OFF		
To decrease treble		To increase treble
To decrease bass		To increase bass
To shift balance toward left		To shift balance toward right

MAL while a PICTURE/SOUND selection is displayed, only the selected mode is reset to the standard ng) position.
MAL while a PICTURE/SOUND menu screen is displayed will reset all the item of PICTURE/SOUND standard (factory-setting) position.



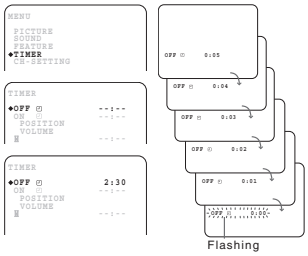
E9 TIMER SETTING

Off timer

Automatically turns power off after a set length of time has passed.

1 Press MENU to call MENU screen.
2 Press CH / CH to select "TIMER".
3 Press / to display TIMER menu.
4 Press CH / CH to select "OFF ⏲".
5 Press / to set time for TV to turn off.
- Maximum time that can be preset is 12 hours and 50 minutes. Timer start to count down after setting.

6 Press MENU until normal screen appears.
- Five minutes before the preset length of time expires, the remaining time appears on the screen.
- A flashing display of the remaining time appears during the last few seconds. When the preset length of time has passed, the TV set enters the Standby mode.

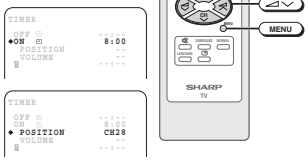


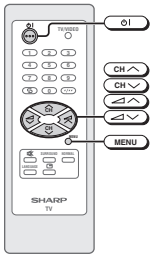
On timer

Automatically turns power on after a set length of time has passed.

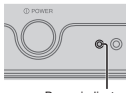
1 Repeat step 1 to 3 of OFF TIMER.
2 Press CH / CH to select "ON ⏲".
3 Press / to set time for TV to turn on.
- Maximum time that can be preset is 12 hours and 50 minutes. Timer start to count down after setting.

4 Press CH / CH to select "POSITION".
5 Press / to set the channel.
6 Repeat step 4 to 5 above to select and set the "VOLUME".
7 Press MENU until normal screen appears.
8 Press ⏻ to put TV set into Standby mode.
- Power indicator will flash to indicate On Timer is set.
- When the preset length of time setting has passed, the power turns on and a picture appears on the screen.
- The ON TIMER speaker volume gradually increases from zero to preset volume.





[TV Set (Bottom)]



Power indicator (Flashing)

NOTE
- The Off timer is cancelled if the power is turned off or set to the Standby mode using ⏻ on the remote control or POWER on the TV set, or if the power is otherwise interrupted.
- The On Timer is cancelled if the power is turned off using POWER.
- If the TV set is turned on by the On Timer, then the TV set will be automatically turned off in two hours if no buttons are pressed on the TV set or remote control.

TIMER SETTING (Continued)

der on-screen timer

now when a preset length of time has passed by displaying a countdown timer on . This is useful for timer cooking while you watch TV.

step 1 to 3 of OFF TIMER.

CH / CH **to select "⧖".**

/ **to set time.**

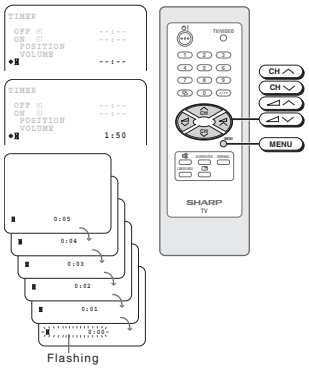
um time that can be preset is 12 hours and 50 s.

ht example shows that the Reminder will be ed after one hour 50 minutes.

MENU **until normal screen appears.**

nutes before the preset length of time expires (in mple, after one hour and 45 minutes) and each thereafter, the remaining time appears on the for several seconds.

he preset length of time has passed, "⧖ 0:00" in red.



FEATURES

creen

ally turns the screen blue if a broadcast signal is not received.

MENU **to call MENU screen.**

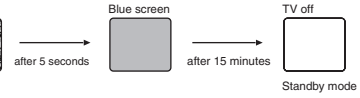
CH / CH **to select "FEATURE".**

/ **to display FEATURE menu.**

/ **to select "BLUE BACK" to "ON" or "OFF".**

MENU **until normal screen appears.**

E BACK is set to "ON".



also works in the Standby mode. Power is automatically turned on five minutes before the preset length s. The TV set automatically returns to the Standby mode approximately 1 minute if no buttons are he TV set or remote control.

r is cancelled if (POWER) on the TV set is pressed or if the power is otherwise interrupted.

n due to weak signals and too much noise may activate BLUE BACK, despite the presence of a gnal. To continue watching TV under these conditions, switch "BLUE BACK" to "OFF".

er is set, the OFF TIMER setting has priority over BLUE BACK.

USEFUL FEATURES

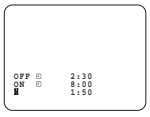
Channel / Timer display

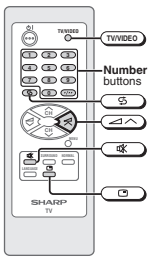
Displays the current channel number, the timer, and other settings on the screen.

1 Press .

- The time remaining on the Off timer, On timer, and Reminder appears on the screen.
- When no timer is set, the channel number, colour and sound system appear on the screen.
- Press again to clear these current settings display on the screen.

2 Press again, the channel number, colour and sound system appear on the screen.





Mute

Silences the sound.

1 Press .

- Press , "" appears on the screen, and the sound is silenced.

2 Press , the volume returns to its previous level.

- Mute will be cancelled if the is pressed at any time.

Channel recall

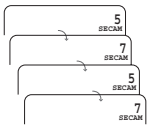
Switches back to the channel you were watching just before the current channel.

Press .

- The channel previously viewed returns to the screen.

Example:

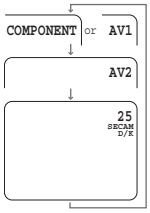
After switching from channel 5 to channel 7, is pressed, the channel will change to channel 5. Press again to return to channel 7.



TV / Video selection

Switches between TV broadcasts and AV input programmes.

- Each time you press the (TV/VIDEO), the input switches between AV1 (or COMPONENT), AV2 and TV programme.



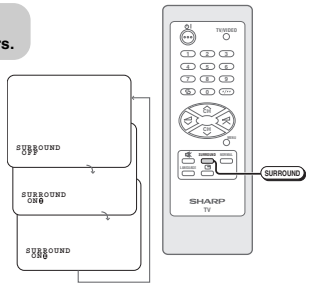
USEFUL FEATURES (Continued)

nd sound

a virtual surround sound from the TV's speakers.

you press (SURROUND), the mode changes
N, ON and OFF.

ces normal sound.
g to this mode during stereo signal reception
ces a spacious sound, making the most of the
kers' performance.
g to this mode during monaural signal reception
es monaural sound that is similar to stereophonic
d.

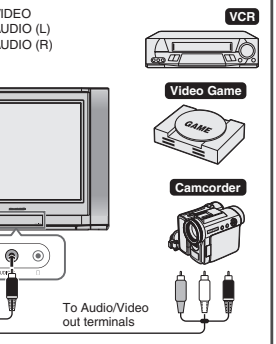


CONNECTIONS

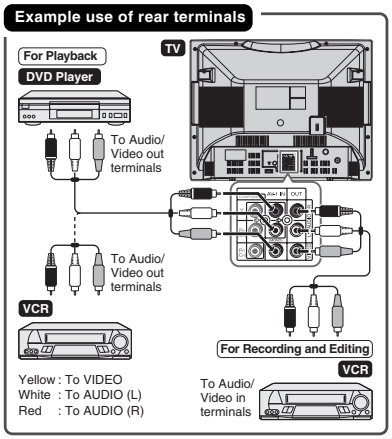
cting to video equipment

back from a video disc player, VCR or other video equipment by connecting them to using the Audio/Video in terminals.

se of front terminals



Example use of rear terminals



of monaural audio, connect the external source to the audio input left terminal on the front or rear of the O) to hear the same sound from both speakers.
ual cords required to connect the TV set with video equipment may differ from those shown in the above the operation manual of your video equipment for connection details.
cording and editing connections are for intended solely for personal use and not for the illegal copying of material protected by copyright laws.

E13 TROUBLESHOOTING

The following problems do not always indicate a hardware failure. Therefore, please use the troubleshooting guide below before calling for repair service.
If, after following the guide none of the remedies work, unplug the TV set and call for service.

Quick Service Check List / Problems	Remote control does not work.	Bars on screen.	Picture distorted.	Picture rolls vertically.	No colour.	Poor reception on some channels.	Picture weak.	Picture lines or streaks.	Picture ghosting.	Picture blurred.	Sound OK, picture poor.	Picture OK, sound poor.	No picture or sound.
Possible Causes/Remedies													
Try a new channel to check for possible station trouble.			●	●	●	●	●	●	●	●	●	●	●
TV not plugged in. Outlet power OFF.	●												●
⏻ **POWER** switch of TV not ON.	●												●
Antenna not connected to terminal at the back of the TV set.					●	●	●		●		●		●
If outside antenna is used, check for broken wires.		●	●	●	●	●	●	●	●	●	●		●
Check for local interference.		●		●		●		●	●		●	●	
Turn OFF using the ⏻ **POWER** switch, then turn ON again after a minute.	●												●
Adjust COLOUR control.					●		●				●		
Check batteries in the remote control.	●												
Try fine tuning to correct.			●		●		●			●	●		
Contrast setting in picture mode might be all the way to the minus side. Press the **NORMAL** button on the remote control to correct.											●		●
Increase the volume.												●	●

This unit is equipped with a microprocessor. Its performance could be adversely affected by external electrical noise or interference. If this should happen, unplug the unit and plug it in again after a few minutes.

SPECIFICATIONS

stem	World multi 18 system	
casts/ yback	PAL-I PAL-B/G PAL-D/K	SECAM-B/G SECAM D/K, K1
yback	NTSC 4.43/5.5 MHz/60 Hz NTSC 4.43/6.0 MHz/60 Hz NTSC 4.43/6.5 MHz/60 Hz NTSC 4.43/5.5 MHz/50 Hz NTSC 4.43/6.0 MHz/50 Hz NTSC 4.43/6.5 MHz/50 Hz SECAM-I (6.0 MHz)	
yback deo-in terminals)	SECAM-L (French SECAM) PAL 60 Hz NTSC 3.58 MHz	
c Player Playback F-in terminals)	PAL 5.5 MHz/60 Hz PAL 6.0 MHz/60 Hz PAL 6.5 MHz/60 Hz	
hannels		
B/G VHF	E2–E12 ch	
B/G UHF	E21–E69 ch	
D/K, K1 VHF	C1–C12 ch, R1–R12 ch	
D/K, K1 UHF	C13–C57 ch, R21–R69 ch	
VHF	B–J ch	
UHF	21–69 ch (Hong Kong)	
	S1–S20 ch, S21–S41 ch (Hyper)	
equency	48.25 MHz – 863.25 MHz	
ng	100-Channel Electronic Tuner with Full Auto Tuning System	
	21-Inch Flat CRT	
	Audio/video input × 2 (front × 1, rear × 1), DVD input (COMPONENT-IN) × 1 (rear), Audio/video output × 1 (rear), Headphone jack × 1 (front)	
t	5 W (RMS) × 2, total 10 W (RMS)	
e	AC 220 – 240V, 50/60 Hz	
mption	101 W	
	605 (W) × 468 (H) × 482 (D) mm	
	21.7 kg (Approx.)	

pecifications are subject to change without notice.
stem: These receiving systems, encompassing all currently available technology, include those with dcast, videotape and laserdisc hardware and software.

SHARP®

SHARP CORPORATION

Other ManualsLib Projects

www.manualslib.com

www.manualslib.de

www.manualslib.es

www.manualslib.fr

www.manualslib.nl

www.manualslib.mx

www.manualslib.tech 30+ Languages